Application No. 10/622,935 Amendment dated November 21, 2005

First Preliminary Amendment

AMENDMENTS TO THE CLAIMS

Docket No.: 01954/000M900-US0

1. (Canceled)

2. (Previously amended) A connecting construction for components of a system frame,

comprising:

- a framework having frame struts and a cross bracket connecting the frame struts,

- a sheet steel corner plate which is arranged in each case in the region in which the cross

bracket is connected to the frame strut and which has a corner recess in the corner region of the

plate in which the cross bracket is connected to the frame strut,

- a coupling unit that is connectable to the frame strut via the sheet steel corner plate,

- a further recess in the sheet steel corner plate approximately level with the corner recess

and offset inward,

- a further coupling unit having a first coupling element and a second coupling element,

- wherein the first coupling element is connectable to a frame tube,

- wherein the second coupling element is fastenable in the further recess of the sheet steel

corner plate with at least one of a positive and non-positive fit, and has a spacer profile and a

projecting profile arranged on the free end side of the spacer profile said projecting profile being

connectable in the further recess of the sheet steel corner plate with at least one of a positive and/or

and non-positive fit.

3. (Previously amended) The connecting construction as claimed in claim 2, the projecting

profile is a hammer head and the further recess (24) is a slot so that in order to connect the further

coupling unit (30) to the sheet steel corner plate, the projecting profile can be introduced into the

further recess (24) as far as the stop of the spacer profile and the at least one of a positive and non-

positive fit is produced by rotation of the further coupling unit by said rotation causing the hammer

head of the projecting profile (38) to engage at least in some area behind the sheet steel corner plate

(20).

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4. (Previously amended) The connecting construction as claimed in claim 3, wherein the

slot is arranged vertically upright.

5. (Previously amended) The connecting construction as claimed in claim 3, wherein the

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slot is arranged horizontally.

6. (Previously amended) The connecting construction as claimed in claim 13, wherein the

further recess is arranged spaced apart from the lower edge of the cross bracket.

7. (Previously amended) The connecting construction as in claim 13, wherein the first

coupling element of the further coupling unit is a tube half-coupling.

8. (Previously amended) The connecting construction as in claim 13, wherein the further

coupling unit is a single-piece metal cast part.

9. (Previously amended) The connecting construction as in claim 13, wherein the length of

the projecting profile is selected in such a manner that the clear distance of a frame tube, which is

connected parallel to the cross bracket in the first coupling element of the further coupling unit,

from the sheet steel corner plate is greater than the length of the maximum projecting length relative

to the sheet steel corner plate of a coupling unit arranged in the corner recess.

10. (Withdrawn) The connecting construction as claimed in claims 1 to 3, characterized in

that

- a rotation prevention unit is provided which secures the further coupling unit (30) against

rotation in a position in which it is connected to the sheet steel corner plate (20).

11. (Previously amended) The connecting construction as in claim 13, wherein the further

recess of the sheet steel corner plate has a cross-sectional deformation (68) pointing out of the plane

of the sheet steel corner plate.

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12. (Previously amended) The connecting construction as claimed in claim 11, wherein the

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cross-sectional deformation is provided encircling the further recess.

13. (Previously amended) A connecting construction for components of a system frame in a

scaffolding, comprising:

- a framework having frame struts and a cross bracket connecting the frame struts,

- a sheet steel corner plate which is arranged in each case in the region in which the cross

bracket is connected to the frame strut and which has a corner recess in the corner region of the

plate in which the cross bracket is connected to the frame strut,

- a coupling unit that is connectable to the frame strut via the sheet steel corner plate,

- a further recess in the sheet steel corner plate approximately level with the corner recess

and offset inward,

- a further coupling unit having a first coupling element and a second coupling element,

wherein the first coupling element is connectable to a frame tube, and wherein the second coupling

element is fastenable in the further recess of the sheet steel corner plate with at least one of a

positive and non-positive fit, and

- an additional recess provided below the corner recess of the sheet steel corner plate, and

an additional coupling unit that is connectable to the frame strut via the additional recess.

14. (Previously amended) The connecting construction as claimed in claim 13, wherein the

additional recess on the sheet steel corner plate is formed by a U-shaped recess which is open

toward the longitudinal connecting edge of the sheet steel corner plate.

15. (Withdrawn) The connecting construction as claimed in claims 1 to 3, characterized in

that

a further coupling unit (30) is connected in each case in the further recess (24) to the two

sheet steel corner plates (20) of a framework (10), and the coupling units (30) are connected to a

continuous frame tube (40).

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16. (Previously amended) A coupling apparatus for a frame system in a scaffolding a

framework having frame struts and a cross bracket connecting the frame struts, a sheet steel corner

plate which is arranged in each case in the region in which the cross bracket is connected to the

frame strut and which has a corner recess in the corner region of the plate in which the cross bracket

is connected to the frame strut, and a further recess in the sheet steel corner plate approximately

level with the corner recess and offset inward, the coupling apparatus comprising:

first and second coupling units, wherein the first coupling unit is connectable to the frame

strut via the sheet steel corner plate, and the second coupling unit is provided with a first coupling

element and a second coupling element; and

a frame tube that is connectable to the first coupling element,

wherein the second coupling element is fastenable in the further recess of a sheet steel corner

plate with at least one of a positive and non-positive fit.

17. (Previously amended) A coupling apparatus for a frame system comprising a

framework having frame struts and a cross bracket connecting the frame struts, a sheet steel corner

plate which is arranged in each case in the region in which the cross bracket is connected to the

frame strut and which has a corner recess in the corner region of the plate in which the cross bracket

is connected to the frame strut, and a further recess in the sheet steel corner plate approximately

level with the corner recess and offset inward, the coupling apparatus comprising:

first and second coupling units, the first coupling unit being connectable to the frame strut

via the sheet steel corner plate, and the second coupling unit being provided with a first coupling

element and a second coupling element; and

a frame tube that is connectable to the first coupling element,

wherein the second coupling element is fastenable in the further recess of a sheet steel corner

plate with at least one of a positive and non-positive fit, and [[-]] the second coupling element has a

spacer profile and a projecting profile arranged on the free end side of the spacer profile, said

projecting profile being connectable into the further recess of the sheet steel corner plate with at

least one of a positive and non-positive fit.

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18. (Previously amended) The coupling apparatus as claimed in claim 17, wherein the

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projecting profile is a hammer head so that, in order to connect the second coupling unit to the sheet

steel corner plate, the projecting profile can be introduced into the further recess as far as the stop of

the spacer profile and the at least one of a positive and non-positive fit is produced by rotation of the

first coupling unit by said rotation causing the hammer head of the projecting profile to engage at

least in some area behind the sheet steel corner plate.

19. (Previously amended) The coupling apparatus as claimed in claim 16, wherein the first

coupling element of the second coupling unit is a tube half-coupling.

20. (Previously amended) The coupling apparatus as claimed in claim 16, wherein the first

coupling unit is a single-piece cast part.

21. (Withdrawn) The coupling unit as claimed in one or more of claims 16 to 17,

characterized in that

- the length (L) of the connecting profile (38) is selected in such a manner that the clear

distance (L2) of a frame tube (40), which is connected parallel to the cross bracket (14) in the first

coupling element (32) of the further coupling unit (30), from the sheet steel corner plate (20) is

greater than the length (L1) of the maximum projecting length relative to the sheet steel corner plate

(20) of a coupling unit (52) arranged in the corner recess (22).

22. (Canceled)

23. (Twice amended) A framework suitable for use within a connecting construction for

components of a system frame in a scaffolding comprising:

- frame struts and a cross bracket connecting the frame struts,

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- a sheet steel corner plate which is arranged in each case in the region in which the cross

bracket is connected to the frame strut and which has a corner recess in the corner region of the

plate in which the cross bracket is connected to the frame strut,

- a coupling unit that is connectable to the frame strut via the sheet steel corner plate,

- a further recess in the sheet steel corner plate approximately level with the corner recess

and offset inward, said further recess being used to connect a further coupling unit, the further

coupling unit having a first coupling element and a second coupling element, wherein the first

coupling element is connectable to a frame tube, and wherein the second coupling element is

fastenable in the further recess of the sheet steel corner plate with at least one of a positive and non-

positive fit, and

- an additional recess provided in the sheet steel corner plate below the corner recess of the

sheet steel corner plate, and an additional coupling unit that is connectable to the frame strut, said

additional recess being used to connect an additional coupling unit.